

Catalytic Reduction of 2-Methyl-5-Acetyluran to
2-Methyl-5-Ethylfuran, by N. I. Shuklin, I. F.
Bel'skiy, 3 pp.

RUSSIAN, per, Zhur Osnov Khim, Vol XXIX, No 4,
1959, pp 1096-1098.

Consultants Bureau

Sci

Jun 60

117,862

Hydrogenation of Furan Compounds on Platinum
and Rhodium Catalysts, by N. I. Shuikin, I. P.
Bel'skiy, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 4,
1959, pp 1093-1095.

Consultants Bureau

Sci

Jun 60

117,840

Contact-Catalytic Dehydrocyclization of
Piperylene, by N. I. Shnkin, T. I.
Maryshkina, 6 pp.

RUSSIA, per, Iz Nauk SSSR, Otdel Khim Nauk,
No 3, 1958, pp 316-323.

Consultants Bureau

Sci - Chem

112, 307

Apr 60

Catalytic Synthesis of Nitriles. Communication 1.
"Nitrilation" of Butyl Alcohol with Ammonia in
Presence of Nickel-Alumina Catalysts, by M. A.
Popov, N. I. Shulkin, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 6, 1958, pp 713-718.

Consultants Bureau

Sci

Apr 60

112, 257

Oxide-Metal Catalysts for the Reforming of
Gasolines. Communication 4. Reforming of the
89.5-126° Fraction of the Gasoline of
Petrolerums of the Volga-Urals Group over a
Palladium Catalyst Treated with Hydrogen
Sulfide, by Kh. N. Minachev, M. I. Smirkin,
M. A. Ryashentseva, N. P. Kononov, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 6, 1958, pp 719-725.

Consultants Bureau

Sci
Apr 60

112, 259

Catalytic Alkylation of Benzene by Alkenes in the
Vapor Phase. 2. Alkylation of Benzene by 3-
Methyl-1-Butene, by N. I. Shuikin, N. A. Podnyak,
Yu. P. Egorov, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 10, 1958, pp 1239-1244.

Consultants Bureau

Sci

Apr 60

112,175

Exhibition of Major exhibits from the
1950-1953 Invasion of Kokchetavgorod, i.e.
Mikhail Golubev, N. G. Belayev, N. A.
Golikov, Yu. P. Mysorev, T. S. Savchenko, etc.

Moscow, per, Iz Akademii Nauk SSSR, Otdel Nauk
Nauk, No 11, 1953, pp 1376-1382.

Consultative Bureau

Set

112/196

Aug 63

Catalytic Transformation of m-Xylene in Presence
of Aluminum Silicates, by N. I. Shuikin, E. D.
Sukupova, Z. P. Polyakova, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 12, 1958, pp 1476-1481

Consultants Bureau

Sci

Apr 60

112,208

Demethylation of Methylcyclohexane in
Contact with Nickel Catalysts under Hydrogen
Pressure, by N. I. Shuikin, Tyan' Sin-Khua,
4 pp.

RUSSIA:, per, Iz Ak Nauk SSSR, Otdel Khim
Nauk, no 11, 1960, pp 2014-2016.

CB

Sci
May 62

194,434

Effect of the Specified Surface of Platinized
Aluminum Silicate on the Conversion of
Hydrocarbons. Communication I. Change in the
Catalytic Activity of Platinized Aluminum
Silicate on Treatment of the Carrier With
Hydrogen, by Kh. M. Michashov, N. I. Shurkin,
S. V.

RUSSIAN, pub., Iz Akad. Nauk SSSR, Otdel.
Khim. Nauk, No 5, 1960, 907-913.

63

194,647

Sci

Confidential Dissemination of CG-CIO Albums, by
N. I. Shukin and N. A. Smirnov,
Moscow, September 20th, 1963, vol.
no. 17-27.
AKS 67878

N. I. Shukin

CIA
Aug 66

306632

The Chlorination of Alkanes, by V.A. Nekrasova
and N.I. Shurkin.
RUSSIAN, per, Успехи химии, 1953, vol.22, no.2,
pp. 179-190.
SLA--TT-64-18771

N.I. Shurkin

Chem
Aug 66

306,628

New Methods of Synthesis of Esters of γ -Ketocarboxylic Acids. I. Catalytic Conversion of Esters of β -Furylacrylic Acids to Esters of γ -Ketoenanthyllic Acids, by I. F. Bel'skiy, N. I. Shuikin, 5 pp.

RUSSIAN, per, Zhur Otechch Khim, Vol XXXII, No 4,
1962, pp 1030-1033.

CB

232,898

Sci

Mar 63

Catalytic Dehydrogenation of Dihydrofurans, by N. I.
Shuikin, I. F. Bel'skiy, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 1,
1962, pp 138-141.

CB

Sci

Aug 62

214,562

Thermal Transformations of α -Substituted β -Epoxides, by
E. Kovacs, N. I. Shuikin, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 1, 1962, pp 124-129.

CB

Sci

Aug 62

214,574

Alkylation of ~~Phenol~~ Phenols with Bifunctional Compounds. Communication 6. Catalytic Alkylation of p-Cresol with 1,4-Butanediol and with Tetrahydrofuran, by N. I. Shuikin, ~~&~~ E. A. Viktorova, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 1, 1962, pp 122-123

CB

Sci

214,573
X~~XXX~~,

Aug 62

Transformations of Butylphenols Over Dehydro-cyclization Catalysts, by N. I. ~~E. A.~~ Shuikin, E. A. Viktorova, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk SSSR, Otdel Khim Nauk, No 11, 1961, pp 2054-2057.

CB

Sci

Jul 62

205,097

Conversions of Cyclohexane on Palladinized
Gumbrine Under Hydrogen Pressure, by N. I.
Shuikin, Kh. M. Minachev, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 7, 1961, pp 1315-1319.

CB

Sci

Jun 62

200,131

Catalytic Transformations of 1-Methylcyclohexene,
by N. I. Shuikin, E. D. Tulupova, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 11, 1961, pp 2058-2062.

CB

Sci

205,098

Jul 62

Alkylation of Phenols With Compounds With Mixed Functions. Communication 3. Alkenylation of m- and p-Cresols With 3-Buten-1-ol, by N. I. Shuikin, E. A. Viktorova, 5 pp.

RUSSIAN, ~~per~~, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 10, 1961, pp 1847-1850.

CB

Sci

205,125

Jul 62

Alkylation of Phenols With Compounds With Mixed Functions. Communication 4. Alkenylation of m- and p-Cresols With 4-Penten-1-ol, by N. I. Shuikin, E. A. Viktorova, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 10, 1961, pp 1851-1854.

CB

Highly Active Nickel -- Alumina Catalyst for the
Dehydrogenation of the Cyclohexane Ring, by N. I.
Shuikin, E. D. Tulupova, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 4, 1960, pp 709-716.

CB

<p>Shulkin, N. I. PREPARATION OF AROMATIC HYDROCARBONS FROM OIL BY CONTACT CATALYTIC METHODS. [1961] 9p. 37 refs Order from OTS or SLA \$1.10</p> <p>[Condensed] trans. of <u>Uspekhi Khimii</u> (USSR) 1946, v. 15, no. 3, p. 343-358.</p> <p>DESCRIPTORS: Hydrocarbons, Production, Petroleum, Gasoline, Kerosene, Pyrolysis, Decom- position, Dehydrogenation, Platinum, Catalysts, Alumina-nickel catalysts, Catalysis.</p> <p>(Chemistry--Organic, TT, v. 7, no. 12)</p>	<p>62-10832</p> <p>I. Shulkin, N. I.</p> <p>209226</p> <p>Office of Technical Services</p>
---	--

Hydrogenation of Furan Compounds over a
Ni-ZnO Catalyst, by N. I. Shnikin, I. P.
Bel'skiy, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 2,
1959, pp 442-444.

Consultants Bureau

A New Method for the Synthesis of Homologs of
Tetrahydrofuran, by I. F. Bel'skiy, N. I.
Shuikin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 5,
1959, pp 945-947.

CB

Sci - Shem
Sep 60

127,743

Kinetic Study of the Dimerization of Cyclopropanes,
by N. I. Shuikin, T. I. Maryatkina, 9pp
MECHAL, 1967, Sov. Chem. Rev., Vol. 54, 1957,
No 2, pp 493-497
SIA TT-64-30026

N. I. Shuikin

Sci - Chem
May 67

326,654

Hydrogenation of Furan Compounds Over Skeletal
Catalysts, by N. I. Shuikin, I. F. Bel'skiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 2,
1959, pp 345-347.

Consultants Bureau

Sci

119,530

Jun 60

Dehydrogenation of n-Hexane Over Aluminum-Chromium Catalyst, by E. A. Timofeyeva, M. I. Shukina, Yu. P. Plotnikov, V. M. Kleimenova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 6,
1959, pp 1272-1274.

Consultants Bureau

119,550

Sci

Jun 60

Catalytic Conversions of Piperidine in a
Hydrogen Atmosphere, by N. I. Shuinin, V. M.
Brusnikina, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 2,
1959, pp 438-441.

Consultants Bureau

Sci

Apr 60

112, 328⁹

Isomerization of γ -Oxides (Tetrahydrofurens) to
Aliphatic Carbonyl Compounds, by N. I. Shuikin,
I. F. Bel'skiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3,
1958, pp 548-.

Consultants Bureau

Sci - Chem

Jun 59

88, 775

RECORDED AND INDEXED ON 10/22/60
SEARCHED, SERIALIZED, FILED
10/22/60

BROWNE, Mrs., Mrs. Odile Eaton, 702 Regis, St. L.
Lynn, MA 01940.

CB

Set
Nov 60

132, 676

Catalytic Conversions of Pentene-1, by N. I.
Shuklin and V. A. Tulupov, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol 29(11), No
11, 1957, pp 1448-1453.

Consultants Bureau

Sci - Chem

Chlorination of Five- and Six-membered Cyclanes, by
V. A. Nekrasova, N. I. Shuikin, S. S. Novikov
13 pp.

3
RUSSIAN, ~~PERIODICAL~~, Zhur Obshch Khim, Vol XXVIII,
No 1, 1958, pp 15-19.

Consultants Bureau

Sci - Chem

Apr 99

84,172

Upgrading of Straight-Run Gasolines by Low-Temperature Dehydrogenation Over Platinized Carbon, by N. I. Shuikin, Kh. M. Minachev, S. S. Novikov, N. F. Kononov, and I. L. Garanin, 7 pp.

RUSSIAN, vser Zhur Prik Khim, Vol XXXI, No 11, 1958, pp 1732-1738.

Consultants Bureau

Sci

102, 226

Dec 59

Preparation of Toluene Concentrates from Petroleum Fractions by Low-Temperature Dehydrogenation Over Plantinized Carbon, by N. I. Shuikin, Kh. M. Minachov, L.L. Garanin, S. S. Movikov, and N. F. Zonenkov, 3 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXII, No 11, 1958, pp 1765-1767.

Consultants Bureau

Sci

Dec 59

102, 159

High-Temperature Reactions of Decane Over Platinized
Alumina in Presence of Hydrogen at High
Pressure, by Eh. M. Minachev, N. I. Slinkin
L. M. Peofanova, Yu. P. Yegorov, 6 pp.

Full tr

RUSSIAN, no par, Iz Ak Nauk, Otdel Khim Nauk, No 3,
1956, pp 352-357. CIA 9000402

Consultants Bureau

38,659

Sci - Chemistry
Sep 56 GTS

The Kinetics of the Transformation of Piperillene
Into Cyclopentadiene, by N. I. Shukin, V. A.
Tulupov.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol C, No 4, 1955, pp 731-733.

X - 2107
Coop Trans Scheme No 166
L1.4s. (4s.Od.)

Sci - Chemistry

May 1956

33,776

Catalytic Transformations of Dialkyl Derivatives
of Cyclohexane Under Hydrogen Pressure, by N. I.
Shuklin, M. I. Cherkashin.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk
No 3, 1958, pp 373-374.

Assoc Tech Serv RJ-1402
" " " 18K24R

Sci - Chem

Apr 59

83, 288

Changes in Phenolic Ethers During Catalytic Hydrogenation, by N. I. Shuikin, L. A. Krivanskaya, V. V. Kontsova, 6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 9, Sep 1956, pp 2562-2568.

Consultants Bureau

Sci - Chemistry
Feb 58

58,958

Catalytic Dehydrogenation of Isopentane, by K. I.
Shuikin, T. P. Dobrymina, N. A. Timofeyeva, Yu. P.
Segerov, 2 pp.

RUSSIAN, pismo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 5, Sep/Oct 1955, № 952. CIA 542763 C, rec 13

Consultative Bureau

Sci - Chemistry

37,906

Aug 1956 *Conc Tech SV 13-57*
\$400

Catalytic Synthesis of n-Butylamine on Mixed Oxide
Catalysts, by F. V. Balchev, N. I. Shuikin, 6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 8,
1956, pp 2218-2223.

Consultants Bureau

Sci - Chem

Dec 57

56,520

A Characteristic Reaction for Cyclopentadiene,
by N. I. Shukin, V. A. Tulupov, 4 pp.

Full tr

RUSSIAN, no par, Zhur Obshch Khim, Vol XXIV,
No 12, 1954, pp 2199-2201. CIA 542762 C,
reel 3.

Consultants Bureau

Scientific - Chemistry
Aug 56 CBS

37,669

The Problem of the Hydrogenation of the Purine Ring,
by N. I. Shatikin, V. A. Tulupov, I. P. Belsky, 4 pp.

RUSSIAN, no pag., Zhar Obshchii Khim, Vol. XXXV, No 6,
1955, pp 1175-1178.

Consultants Bureau

Scientific - Chemistry

41,347

Reforming of Tuimazin Gasoline in Contact with
Trostkov Kaolin, by N. I. Shuikin, E. A. Timofeyeva,
4 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 6, Nov/Dec 1955, pp 1053-1056. CIA 542764 C,
reel 3.

Consultants Bureau

Sci - Chemistry

37,638

14 Aug 1956

High-Temperature Reactions of Propyl- and Isopropyl-Benzenes Over a Nickel-Alumina Catalyst in Presence of Hydrogen at High Pressure, by N. I. Shuikin, N. G. Berdnikova, Yu. P. Egorov, 6 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 1, Jan/Feb 1956, pp 43-49. CIA 542767 C, reel 3.

Sci - Chemistry

Consultants Bureau

Aug 1956

37,570 SPA-175
162 J 100

Demethylation During Hydrogenolysis of Five-Membered
Cyclanes and n-Alkanes on a Skeletal Ni - Al
Catalyst, by N. I. Shuikin, M. I. Cherkashin,
6 pp.

RUSSIAN, per, Zbir Obshch Khim, Vol XXIX, No 7,
1959, pp 2225-2229.

CB

Sci

Aug 60

124,686

Catalytic Hydrodealkylation of Polyalkylbenzenes.
I. Demethylation of Toluene on 10% Ni -- Al_2O_3 .
Effect of Hydrogen Pressure, by N. I. Shnukin,
N. F. Kononov, L. K. Kashkovskaya, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 7,
1959, pp 2230-2235.

CB

Sci

Aug 60

124,687

High-Temperature Reactions of Heptane in a Continuous-
Flow System in Presence of Metals of the Palladium
Group and of Hydrogen at High Pressure, by Kh. M.
Minachev, N. I. Shuikin, L. M. Feofanova, E. G. Treash-
chova, T. P. Yudkina, 7 pp.

Full translation.

RUSSIAN, bimo per, Iz Ak Nauk, Otdel Khim Nauk,
No 6, 1954, pp 1067-1074. CIA C 41022

① Consultants Bureau

32,025

Scientific - Chemistry
Mar 56 CTS/dex

Poisoning of an Aluminium-Chromium Catalyst by
Cyclopentadiene and Furfural, by E. A. Timofeyeva,
N. I. Shuikin, et al, 7 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol II, No 4,
1961, pp 574-580.

CB

Sci

Jun 62

200,444

Cleavage of the Tetrahydrofuran Ring by the Action of Certain Halogen Compounds, by N. I. Shulkin, I. F. Bel'sky, 2 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 5, Nov/Dec 1956, pp 1048-1049.

Consultants Bureau

Sci - Chem

56,705

Dec 25 57

Reactions of Individual Hydrocarbons in Contact
With Natural Aluminosilicates. Communication 2.
Reactions of Cyclohexane, Methylcyclohexane, and
Toluene in Presence of Troshkov Clay, by E. A.
Timofeyeva, N. I. Shuikin, 6 pp.

Full translation.

RUSSIAN, bimo per, Iz Ak Nauk, Otdel Khim Nauk,
No 6, 1954, pp 1075-1081. CIA C 41022

Consultants Bureau

32,027

Scientific - Chemistry
Mar 56 CTS/dex

Active and Stable Palladium Catalyst for the
Dehydrogenation of Six-Membered Cyclanes,
by N. I. Shuikin, Kh. M. Minachev, M. A.
Ryashentseva, 6 pp.

thrice-
RUSSIAN, 3-я no par, Dok Ak Nauk SSSR, Vol CI,
No 1, 1955, pp 107-109.

32,053

Sci Trans Sci Center RT-3271

Sci - Chemistry

Dependence of the Extent of Cyclohexene Dehydrogenation on Feed Rate and Catalyst Particle Size (0.5% Pt on Al₂O₃), by N. F. Kononov, Kh. M. Minachev, N. I. Shuikin, 8 pp.

RUSIAN, per, Zhur prik Khim, Vol XXXII, No 9, 1959, pp 2107-2114.

CB

Sci

Aug 60

124,234

Catalytic Hydrogen⁹lysis in Furan Compounds, by
N. I. Shuikin, and I. F. Belsky, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 2,
1957, pp 402-404.

5
Consultants Bureau

Sci - Chem

Jul 58

67,232

Contact Catalytic Alkylation of Benzene in Presence
of Alumina-Supported Zinc Chloride under Conditions of
High Pressure, by N. I. Shul'kin, A. B. Kuchmarev, N. A.
Pozdnyak, 6 pp.

RUSSIAN, bino per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 5, Sep-Oct 1954, pp 904-910. CIA C 39501

Consultants Bureau

Scientific - Chemistry
Nov 55 CIS/DEX

28,845

Opening of the Tetrahydrofuran Ring Under the Action
of Aluminum Halides, by N. I. Shuikin, I. F. Belsky,
2 pp.

RUSSIAN, no per, Iz Ak Nauk, Otdel Khim Nauk, No 6,
1956, pp 747-748.

Consultants Bureau

Sci - Chemistry
Feb 57 CIS

44, 134

Thermal Transformations of 1,3-Pentadiene, by N. I.
Shul'kin, S. S. Novikov, T. I. Maryshkina, 4 pp.

RUSSIAN, bmo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 5, Sep-Oct 1954, pp 898-903. CIA C 39501

Consultants Bureau

Scientific - Chemistry
Nov 55 CIS/DEX

28/8/44

Contact-Catalysis Reactions of Pentane in Presence of
Chrome-Alumina-Magnesia Catalyst, by N. I. Shuikin,
E. A. Timofeeva, V. M. Sladkikh, 4 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 3, May-Jun 1955, pp 567-568. CIA C 39502

Consultants Bureau

USSR
Scientific - Chemistry

Nov 55 CTS/DEX

28,820

+
High-Temperature Reactions of Methylcyclohexane in a
Continuous-Flow System in Presence of Metals of the
Palladium Group and of Hydrogen at High Pressure, by
N. I. Shuikin, Kh. M. Minachev, L. M. Feofanova, E. G.
Treshchova, T. P. Yudkina, A. E. Agronomov, 10 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 3, May-Jun 1955, pp 501-511. CIA C 39502

Consultants Bureau

USSR
Scientific - Chemistry

Nov 55 CTB/DEX

28,810

Contact Catalyzed Transformations of Tetrahydrosilvan
Into Cyclopentadiene, by N. I. Shuikin, V. A. Tulupov,
I. F. Bel'sky, 6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV, No 8,
Aug 1955, pp 1623-1628. CIA C 42156.

Consultants Bureau

Sci - Chemistry

35,076

Jun 1956/Dex

Transformations of the Individual Xylenes in Presence of
a Nickel-Alumina Catalyst and of Hydrogen Under Pressure,
by N. I. Shuikin, N. G. Berdnikova, L. K. Kashkovskaya,
5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 2, 1959, pp 303-313.

Consultants Bureau

Sci - Chem

Apr 60

113,205

Dehydrogenation of Hydrocarbons over Alumina-Chromia and Alumina-Chromia-Potassia Catalysts Prepared in Various Ways, by E. A. Timofeyeva, N. I. Shul'kin, T. P. Dobrynina, 7 pp

RUSSIAN, par, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 2, 1960, pp 292-299

CB

145,386

Sci
Apr 61

Hydrodealkylation of Homologs of Cyclohexane over
Nickel/Alumina Catalyst under Hydrogen Pressure,
by N.i. Shuikin, T'ien Hsing-hua, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 5, 1961, pp 854-857.

CB

Sci

189,017

Mar 62

Catalytic Dehydrochlorination of
Methylchlorocyclohexanes to Methylicyclohexenes,
by N.I. Shuikin, D. Tulupova, Z.P. Polyakiva,
5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 5, 1961, pp 850-862.

CB

Sci

189,019

Mar 62

Transformations of Dimethylcyclohexanes in Presence of
a Nickel-Alumina Catalyst and Hydrogen Under Pressure,
by N. I. Shuikin, L. K. Kahkovskaya, 5 pp

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 2, 1960, pp 287-291

CB

Sci
Apr 61

145,385

Vapor-Phase Catalytic Alkylation of Benzene with
Alkenes. Communication 3. Alkylation of Benzene with
1-Pentene, by N. I. Shuikin, N. A. Pozdnyak, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 2, 1959, pp 304-307.

Consultants Bureau

Sci - Chem

Apr 60

113,222

Heterogenous Catalytic Transformation of
n-Hexadecane in Presence of Guanrin, by
N. I. Shuikin, N. G. Bekary, T. S.
~~Sinsk-Shvily~~, 5 pp.

RUSSIAN, per, Iz, Ak Nauk SSSR, Otdel Khim
Nauk, No 1, 1959, pp 110-114.

Consultants Bureau

Sci - Chem

Apr 5

113, 190

Hydrogenolysis of Cyclopentanes over a
Skeletal Ni -- Al Catalyst, by N. I.
Shuikin, M. I. Cherkashin, 3 pp.

RUSSIAN, per, Iz, Ak Nauk SSSR, Otdel Khim
Nauk, No 1, 1959, pp 168-170.

Consultants Bureau

Sci - Chem

Apr 60

113,201

Catalytic Polycyclization of Higher Alkanes, by
N. I. Shukin, N. G. Bekauri, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 1,
1959, pp 103-106.

Consultants Bureau

119,485

Sci

Jun 60

Hydrogenation and Dehydrogenation of Hydrocarbons in Presence of Ruthenium and Rhodium Catalysts of Low Metal Content, by Eh. M. Minachev, N. I. Shuikin, I. D. Roshdestvenskaya, 6 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 2, 1954, pp 338-343. CIR D 151309

23,322

Consultants Bureau

Scientific - Chemistry

May 55 CIS/DIX

Catalytic Amination of Alcohols, by M. A. Popov,
N. I. Shmakin, 6 pp.

Full translation.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 2, Mar/Apr 1955, pp 308-313. CIA D 151364

Consultants Bureau

Scientific - Chemistry

25, 944

Reactions of Individual Hydrocarbons in Contact with
Natural Aluminosilicates. Communication 3. Reactions
of Cyclopentane, Ethylcyclopentane, Ethylcyclohexane,
and Ethylbenzene in Presence of Troshkov Clay, by
N. I. Shul'kin, E. A. Timofeeva, 8 pp.

Full translation.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 2, Mar/Apr 1955, pp 314-322. CIA D 151364

Consultants Bureau

Scientific - Chemistry

25, 945

Catalytic Alkylation of Ammonia with Halogen
Derivatives of Alkanes and Cycloalkanes.
Communication 1, by V. A. Nekrasova, M. I. Shuikin,
3 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 3, May-Jun 1952, pp 495-497.

Consultants Bureau

USSR
Scientific - Chemistry

Mar 54 CTS/DEX

101215

Catalytic Alkylation of Tetralin.

Communication 4. Determination of the
Structures of Alkyltetralins with the Aid
of Infrared Spectroscopy, by N. I.
Shuikin, V. A. Shlyapochnikov, N. A.
~~Pozdnyak~~, 3 pp.

RUSSIAN, per, Iz Ak Nauk
SSSR, Otdel Khim Nauk, No 3, 1961,
pp 466-467.

CB 200, 654

Sci - Apr 62

Dehydration of n-Alkanes on the Catalyst K-5. by,
N.I. Shuikin, E.A. Timofeeva, V.M. Kleimenova, 4pp.

RUSSIAN, per, Iz Nk Nauk SSSR, Otdel Khim Nauk,
No 4, 1961, pp. 649-652.

CB

200, 681

Sci.
April 62

Catalytic Dehydrocyclization of 2-Hexyl-and 2-(1-Methylpentyl)-naphthalenes, by N. I. Shuikin,
L. A. Erivanskaya, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 2, 1962, pp 327-332.

Consultants Bureau

Sci
Dec 62

218,187

The Hydrogenation of Furan Compounds Over Metals
of the Eighth Group of the Periodic System, by
N. I. Shuikin, I. F. Bel'skiy, Kh. M. Minachev,
4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 9,
1959, pp 2969-2972.

CB

Sci

129, 294

Sep 60

Oxide-Metal Catalysts for the Reforming of
Gasolines. Communication 6. Reforming of the
89.5-126° Fraction of Volga-Urals Petroleum
Over Palladized Aluminum Silicate, by Kh. M.
Mizachev, M. A. Ryashentseva, N. I. Shuikin,
4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 10, 1959, pp 1813-1817.

CB

157, 981

Sci
Jun. 61

Dehydrogenation of n-Nonane Over Chromia-Alumina
Catalyst, by E. A. Timofeyeva, N. I. Shuikin, Yu. P.
Plotnikov, V. M., Kleimenova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,
1959, pp 128-.

CB

Sci
Oct 60

129,939

V
Catalytic Alkylation of Ammonia With Halogen Derivatives of Alkanes and Cyclanes. Part 2. Effect of the Nature of the Halogen and of its Position in the Molecule on Amination of Alkyl Halides, by V. A. Nekrasova, N. I. Shuikin. 2 pp. UNCLASSIFIED.

RUSSIAN, bimo per, Iz Ak Nauk, Otdel Khim Nauk, No 4, 1952, pp 646-648.

Consultants Bureau

16,968

Scientific - Chemistry

CTS/DEX

Dehydrogenation of Cycloalkanes With Five-Membered
Rings Over Platinum Catalyst, by N. I. Shuikin.
T. I. Naryshkina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 2,
1959, pp 351-353.

CB

Sci
Oct 60

129,946

Catalytic Dehydrocyclization of Piperylene, by
N. I. Shuikin, V. A. Tulupov, 10 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim
Nauk, № 6, Sep/Oct 1955, pp 869-879.
CIA 542763-C, reel 3

Consultants Bureau

37,923

Sci - Chemistry

Aug 56

Role of Inert Diluents on Catalytic Dehydrogenation of
Ethylbenzene, by N. I. Shuikin, I. I. Levitsky, 8 pp.
UNCLASSIFIED.

RUSSIAN, bimo per, Iz Ak Nauk, Otdel Khim Nauk, No 4,
1952, pp 592-602.

Consultants Bureau

16,970

Scientific - Chemistry

CTS/DKX

Chlorination of Dodecane, by V. A. Makrasova, N. I.
Shuikin, 2 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 5, Sep/Oct 1955, pp 950, 951. CIA 542763 C, reel 3

Consultants Bureau

Sci - Chemistry

37,905

Aug 1956

High-Temperature Contact-Catalysis Reactions of Benzene
and Its Closest Homologs in Presence of Hydrogen at
High Pressure, by N. I. Shvirkin and N. G. Berdnikova,
8 pp.

Full translation.

RUSSIAN, bimo per, Iz Akademii Nauk SSSR, Otdel Khim Nauk,
No 1, Jan/Feb 1955, pp 109-116. CIA D 131341

Consultants Bureau

Scientific - Chemistry

24,508

Jun 55

Catalytic Amination of Ketones of Various Structures,
by M. A. Popov, N. I. Shuikin, O. L. Baranovskaya,
4 pp.

Full translation.

RUSSIAN, bimo par, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 1, Jan/Feb 1953, pp 91-95.

Consultants Bureau

Scientific - Chemistry

Aug 54 CTS

17,102

Hydrogenating and Dehydrogenation Power of Nickel
Catalysts on Various Carriers, by H. I. Shul'kin,
Kh. M. Minachev, L. M. Neofanova, 4 pp.

Full translation.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 1, Jan/Feb 1953, pp 96-99.

Consultants Bureau

Scientific - Chemistry

Aug 54 CIS

17,103

Defulfurizing Action of Troshkov Kaolin, by
E. A. Timofeeva, N. I. Shuikin, V.M. Kleimenova, 4 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 3, May-Jun 1952, pp 489-494.

Consultants Bureau

USSR
Scientific - Chemistry

Mar 54 CTS/DEX

10,213

Conversions of Ethyl Cyclopentane in the Presence
of Ru- And Pd-Catalysts Under Hydrogen Pressure
in a Circulating System, by N. I. Shuikin, Kh. M.
Minachev, E. D. Tulutova, Yu. P. Egorov, 9 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol XCV,
No 6, 21 Apr 1954, pp 1211-1214.

CIA/WDD/XX-95
IAC INTERNAL USE ONLY

31,161

Scientific - Chemistry Feb 56 CTS/DEX

NOT RELEASABLE TO FOREIGN NATIONALS

The Preparation of Styrene by Catalytic Dehydrogenation
of the Ethylcyclohexane Fraction of Maikop Gasoline,
by N. I. Shuikin, I. I. Levitsky, 5 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 3, May-Jun 1952, pp 498-504.

Consultants Bureau

USSR
Scientific - Chemistry

Mar 54 CTS/DEX

101214

SHUIKIN, N. I.

Hydrogenation and Dehydrogenation of Hydrocarbons in
the Presence of Cobalt Catalysts With a Low Metal
Content, Kh. M. Minachev, N. I. Shuikin, I. D.
Roshdestvenskaya, Dok Ak Nauk SSSR, 76, No 4, 543 -
546, 1951. Approx 1400 words; 2 tables; 3 figures;
8 references. Price \$5.60 (\$1.00)

Assocd Services
New Jersey

RJ-49

A 7971

The Interaction of Tetrahydrofuran With Halosilanes,
by Y. I. Sirok Shuikin, I. F. Bal'skiy, I. E. Grushko
3 pp

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 6, 1959,
pp 1862-1864.

Consultants Bureau

Sci - Chemistry

122,065

On the Reaction of Tetrahydrofuran with Silicon
Tetrachloride, by N. I. Shuikin, I. F. Belskiy,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 2,
pp 366-.

Consultants Bureau

Sci - Chem
Aug 58

69, 679

,459

The Catalytic Dehydrogenation of Cyclopentene,
by N. I. Shuikin, T. I. Naryshkina, 4 pp.
~~RUSSIAN~~, per, Dok Ak Nauk SSSR, Vol 4IV, No 2, 1957
351- .

Consultants Bureau

Sci - Chem
Aug 58

67, 122

Catalytic Isomerization of Ethycyclopentane in
the Vapor Phase, by N. I. Shuikin, S. S.
Novikov, 3 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim
Nauk, No 2, Mar/Apr 1953, pp 278-281.

Consultants Bureau

Scientific - Chemistry CTS/DEX

17,985

Catalytic Synthesis of Methylcyclopentones From Petroleum
Methylcyclopropane, by N. I. Smirkin, E. D. Tulupova,
5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 12,
1962, pp 2204-2208.

CB

243,157

Sci -
Nov 63

Catalytic Reactions of Five- and Six-Membered
Cycloalkanes Under a Pressure of Hydrogen At
High Temperature, by N. I. Shuikin, N. G.
Berdnikova, S. S. Novikov, 7 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim
Nauk, No 2, Mar/Apr 1953, pp 269-277.

Consultants Bureau

Scientific - Chemistry CTS/DEX

17,984